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DATE: November 12, 2004 TIME: 6:30 P.M.

TO: Company: U.S. Dept. Of Commerce
U.S. Patent & Trademark Office
Commissioner For Patents

Attention: Patricia Leith
Primary Examiner
Art Unit 1654

FAX No.: 703-872-9306

FROM: Mark L. Karno

RE: Yucel Donmez
Application No.: 10/717,002
Our File No.: 03-131

COMMENTS: See attached.

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Alexandria, VA 22313-1450

Attn: Patricia Leith
Primary Examiner
Art Unit 1654


Re: Yucel Donmez
Application No.: 10/717,002
Our File No.: 03-131

Dear Ms. Leith:

Enclosed please find the Certificate of Analysis sheets for
the Green Tea Extract.

Please advise me should you need anything further.

Very truly yours,


MARK L. KARNO

MLK:ev

cc: Yucel Donmez

ALTINKAYA

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FROM : INFINITY INDUSTRIES

FAX NO. : 5165888920

May. 06 2004 04:39PM P2

INFINITY INDUSTRIES INC.

75 AIR PARK DRIVE, HONKONGOMA, NY 11779
(631) 586-1818 FAX: (631) 588-8920

Certificate of Analysis

ORIGINAL

 Report Date May 21, 2002
 Manufacture Date May 19, 2002
 Test Date May 20, 2002

Product Name	Green Tea P. E. 30% EGCg	Batch Number	GTE-201102
Latin Name	<i>Camellia sinensis</i> O. Ktze.	Quantity	1000kgs/40drums
Plant Part Used	Leaf (Dried, 100% Natural)	Country of Origin	P. R. China
Type of Products	Standardized Powder Extract	Type of extraction	Water
Herbal Strength	Approx. 30 parts of leaves to 1 part of Extracts	Active Ingredient Markers	Polyphenols, EGCg Caffeine

Analysis Items	Specifications	Results	Test Methods
Identification	Positive	Conforms	TLC
Appearance & Color	Light yellow powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Bulk Density	40 ~ 65g/100ml	45g/100ml	
Mesh Size	NLT 90% through 80 mesh	Conforms	80 Mesh Screen
Solubility	Solubility in water and ethanol	Conforms	Visual
Assay	NLT 95% Polyphenols	96.55%	UV-VIS (Folia-Ciocaltea)
	NLT 80% Catechins	83.38%	HPLC
	EGC	8.20%	
	DL-C	2.24%	
	EC	8.09%	
	EGCg > 50%	81.16%	HPLC
	GCg	1.69%	
	ECg	12.00%	
	MT 5% Caffeine	4.62%	HPLC
	Hydro-alcoholic	Conforms	/
Method of Extraction	Water	Conforms	/
Extract Solvent	NMT 5.0%	2.37%	5g / 105C / 2hrs
Moisture Content (5g)	NMT 2.0%	1.29%	2g / 525C / 3hrs
Ash Content (2g)	NMT 1.0%	0.18%	2g / 525C / 3hrs
Sulphate Ash (2g)	None	Conforms	/
Extract Excipient	NMT 10ppm	Conforms	Atomic Absorption
Heavy Metals	NMT 1ppm	Conforms	Atomic Absorption
Arsenic (As)	NMT 1ppm	Conforms	Atomic Absorption
Cadmium (Cd) & Chlorate (Cl)	NMT 2ppm	Conforms	Atomic Absorption
Lead (Pb)	NMT 1ppm	Conforms	Gas Chromatography
Phosphate Organics	NMT 1ppm	Conforms	Gas Chromatography
Organics Residues	NMT 1ppm	Conforms	Gas Chromatography
Pesticides Residues	NMT 0.01%	Conforms	Gas Chromatography
Solvent Residues	NMT 0.2ppb	Absent	HPLC
Aflatoxins	High Temperature & High Pressure for short time (5"-10")	Conforms	AOAC
Sterilization Method	NMT 1,000cfu/g	Conforms	AOAC
Total Plate Count	NMT 100cfu/g	Conforms	AOAC
Total Yeast & Mold	Negative	Conforms	AOAC
E. Coli	Negative	Conforms	AOAC
Salmonella & Staphylococcus	Pack in paper-drum and two plastic-bags inside.		
Packing and Storage	Store in a well-closed container away from moisture.		
Shelf Life	2 years if sealed and store away from direct sun light.		
Expiration Date	May 18, 2004		

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Citrus and Allied - MSDS Sheet for 44901
Material Safety Data Sheet**Citrus and Allied Essences Ltd.****3000 Marcus Avenue, Suite 3E11**
Lake Success, NY 11042
Phone: (516) 354-1200**Emergency Phone Number Chemtrec: 1-800-424-9300.**

Section 1. Chemical Identification
GREEN TEA EXTRACT**Product Number: 44901**

Section 2. Composition/Information of Ingredients
CAS No.: NA
FEMA No.: NA
Molecular Formula: NA
Synonyms: NONE

Section 3. First-Aid Measures
Eye Contact Aid: Flush immediately with cold clean water for at least 15 minutes, contact physician immediately.
Skin Contact Aid: Thoroughly wash the affected area with soap and water. Flush with large quantities of water. If irritation persists, call a physician.
Inhalation Aid: Remove individual to fresh air, contact physician if necessary.
Ingestion Aid: Administer water or milk to dilute. Contact a physician or local poison control center immediately.

Section 4. Fire Fighting Measures
Extinguishing Media: CO2, Foam, Dry Chemical
Special Fire Fighting Procedure: Wear protective clothing to prevent contact with skin and eyes
Unusual Fire and Explosion Hazards: Not Established

Section 5. Accidental Release Measures
Procedure: Remove any source of flame or sparks. If in a confined area, NIOSH approved respiratory protection may be required. Absorb spills with vermiculite or other suitable material, and remove to an approved disposal container. Dispose of in accordance with current laws and regulations.

Section 6. Handling and Storage
Storage/Handling: Store in tight full containers in a cool dry place away from light.

Section 7. Exposure Controls/Personal Protection
Eyes: The use of Goggles or a face shield is recommended.
Respiratory: Respiratory protection is normally not required in well ventilated areas. However, NIOSH approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.
Other Protective Devices: Chemical resistant gloves are recommended.
Ventilation: Ventilation meeting ACGIH Standards should be employed.
Work/Hygiene Practices: Use good personal hygiene practices; Limit exposure to product whenever possible. Wash any contaminated clothing or shoes before each use.

Section 8. Physical and Chemical Properties
Appearance and Odor: Dark brown viscous liquid with some sediment and tea like

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character

Hazardous

Ingredients:

Boiling Point °C:	NA	Melting Point °C:	NA
Vapor Density:	Not Available	Vapor Pressure:	NA
Specific Gravity (20°C):		to	
Specific Gravity (25°C):		1.1100	to 1.2000
Refractive Index (20°C):		1.4600	to 1.4950
Solubility:	Water:		NA
	Fat:		
Flash Point:	F (Tag Closed Cup)		
	C (Tag Closed Cup)		
Flammability (solid, gas):	NA		
Autoflammability:	NA		
Explosive Properties:	NA		
Oxidizing Properties:	NA		

Section 9.	Stability and Reactivity
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	None
Materials and/or conditions to avoid:	None
Stability:	

Section 10.	Toxicological Information
Threshold Limit Value (ACGIH TLV):	None Established
Threshold Limit Value (OSHA PEL):	None Established
Carcinogenicity:	
NTP Monograph:	None Established
IARC Monograph:	None Established
Acute Toxicity Data:	
Oral LD50:	None Established
Dermal LD50:	None Established
Inhalation LC50:	None Established
Health Hazards (Acute and Chronic):	
Ingestion:	None Established
Inhalation:	None Established
Skin Contact:	Liquid May be Irritating
Eye Contact:	Liquid May be Irritating
Note:	
Other Effects:	None Established

Section 11.	Ecological Information
Biodegradability:	
Aquatic Toxicity:	Not Determined
Bioaccumulation Potential:	

Section 12.	Transport Information
Proper Shipping Name:	NA
UN#:	NA
UN Pkg Group:	NA
ERG#:	NA
Air/Steamer Transport Information:	
Class	
Air	NA

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FROM

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4-26-204 4:53PM

Steamer

Required Labels:

Section 13.	Other Information	
Hazardous Materials Identification System		
Health:	1 Flammability:	1 Reactivity:
4-Extreme	3-High	2-Moderate
		1-Slight
		0-No Significant Hazard

Section 14. Regulatory
R-Phase:
S-Phase:

Section 15. Conclusion
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Date: 1/3/2001

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